



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/332,317	06/14/1999	JAMES D. BENNETT	P93-00-DD	2769
7590	04/27/2005		EXAMINER	
JAMES BUCH ENGATE INCORPORATED 1302 E FOREST AVENUE WHEATON, IL 60187			ELISCA, PIERRE E	
			ART UNIT	PAPER NUMBER
			3621	

DATE MAILED: 04/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<i>Supplemental</i> Office Action Summary	Application No. 09/332,317	Applicant(s) BENNETT ET AL.
	Examiner Pierre E. Elisca	Art Unit 3621

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 02 December 2004.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 6-53 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) Claim(s) _____ is/are allowed.
6) Claim(s) 6-53 is/are rejected.
7) Claim(s) _____ is/are objected to.
8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.

 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.

4) Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ .

5) Notice of Informal Patent Application (PTO-152)

6) Other: ____ .

1. This Office action is response to Applicant's amendment/and request for new claims 28-53 rejection, filed on 12/02/2004.

2. Claims 6-53 are pending.

3. The rejection to claims 6-27 under 35 U.S.C. 103 (a) as being unpatentable over Buchanan et al in view of Griggs as set forth in the Office action mailed on 10/01/2003 is maintained.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 6-53 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Buchanan et al. (U.S. Pat. No. 5,148,366) in view of Griggs (U.S. Pat. NO. 4,435,617).

As per claims 6, 11, 13, 16, 17, 18, 19, 20, 22, 23, 24, 25 and 26-27 Buchanan substantially discloses a document generation system that is provided for enhancing or replacing the dictation and transcription process. A computer-based documentation system utilizing a document structure manipulated by a user interface... see., abstract, col 2, lines 30-48 (which is

readable as Applicant's claimed invention wherein it is stated that a transcription system used to convert [convert or replace or the boiler-plates for managing patient reporting from voice to text] words spoken during a transcription proceeding to a textual form for real time), the transcription system comprising: a transcriber that produces, in real time, a first document comprising transcript text representative of words during the testimonial proceeding (this limitation is disclosed by Buchanan in the abstract, lines 7-16, col 6, lines 10-47, and also col 1, lines 35-68, col 2, lines 1 and 2, **specifically wherein it is stated that a plurality of different reports (hospital's words spoken (or first document) can be generated for different needs. For, example, a physician will probably create a separate report for initial visits and for follow visits by a particular patient as well as separate report for writing (textual form) a prescription);**

data storage that stores data representative of at least one document relating to the transcription proceeding, the at least one second document comprising an exhibit (this limitation is disclosed by Buchanan in col 4, lines 3-68, specifically relational database, it is obvious to recognize that within the textual form (or second document) there are exhibits, such as patient x-ray, catscan and on);

a user input device supporting the selection of the at least one document (this limitation is disclosed by Buchanan in col 4, lines 18-39, specifically the keyboard 18).

It is noted that **Buchanan** does not explicitly disclose a screen that displays the transcript text as it is produced. However, **Griggs** discloses a speech-controlled phonetic device that utilizes a two-tier approach for converting an audio input into visual form and the speech-controlled also includes a printer display for displaying transcript data (see., fig 1, element 36, col 3, lines 58-68,

col 4, lines 1-14). Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the process of dictating and transcribing of **Buchanan** by implementing a screen display as taught by **Griggs** because such modification would provide the process of dictating and transcribing of **Buchanan** with the enhanced necessary to produce, in real time, a simultaneous printed or displayed output which is, to the greatest extent possible (see., Griggs, col 2, lines 65-68, col 3, line 1).

As per claims 7, 12, 14, 15 and 21, Buchanan discloses the claimed limitation, wherein a processor that responds to the user input device as the transcriber produces the transcript text by associating at least a portion of the transcript text with the at least one document (this limitation is disclosed by Buchanan in col 3, lines 26-33, fig 1, element 6).

As per claim 8, Buchanan discloses the claimed limitation, wherein the transcript text is stored in data storage (this limitation is disclosed by Buchanan in col 3, lines 26-33, fig 1, element 2).

As per claims 9 and 10, Buchanan discloses the claimed limitation, wherein the user input device supports selection of the portion of the transcript text stored in data storage and wherein the screen displays the portion of the transcript text (this limitation is disclosed by Buchanan in col 4, lines 18-39).

As per claims 28 and 32-34, Buchanan substantially discloses a document generation system that is provided for enhancing or replacing the dictation and transcription process. A computer-based documentation system utilizing a document structure manipulated by a user interface... see., abstract, col 2, lines 30-48 (which is readable as Applicant's claimed invention wherein said a transcription system used to convert [convert or replace or the boiler-plates for managing patient reporting from voice to text] words spoken during a transcription proceeding to a textual form for real time), the transcription system comprising:

At least one data storage that receives a first document comprising transcript text representative of words spoken during the testimonial proceeding, as the first document comprising the transcript text is produced in real time, the at least one data storage stores data representative of an image of at least one second document relating to the testimonial proceeding, the at least one second document comprising an exhibit (this limitation is disclosed by Buchanan in the abstract, lines 7-16, col 6, lines 10-47, and also col 1, lines 35-68, col 2, lines 1 and 2, **specifically wherein it is stated that a plurality of different reports (hospital's words spoken (or first document) can be generated for different needs. For, example, a physician will probably create a separate report for initial visits and for follow visits by a particular patient as well as separate report for writing (textual form) a prescription, and also** col 4, lines 3-68, specifically relational database, it is obvious to recognize that within the textual form (or second document) there are exhibits, such as patient x-ray, catscan and on); a user input device supporting the selection of the at least one second document comprising the exhibit (this limitation is disclosed by Buchanan in col 4, lines 18-39, specifically the keyboard 18).

It is noted that **Buchanan** does not explicitly disclose a screen that displays the transcript text as it is produced. However, **Griggs** discloses a speech-controlled phonetic device that utilizes a two-tier approach for converting an audio input into visual form and the speech-controlled also includes a printer display for displaying transcript data (see., fig 1, element 36, col 3, lines 58-68, col 4, lines 1-14). Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the process of dictating and transcribing of **Buchanan** by implementing a screen display as taught by **Griggs** because such modification would provide the process of dictating and transcribing of **Buchanan** with the enhanced necessary to produce, in real time, a simultaneous printed or displayed output which is, to the greatest extent possible (see., **Griggs**, col 2, lines 65-68, col 3, line 1).

As per claims 29 and 31 **Buchanan** discloses the claimed limitation, wherein a processor that responds to the user input device as the transcriber produces the transcript text by associating at least a portion of the transcript text with the at least one second document (this limitation is disclosed by Buchanan in col 3, lines 26-33, fig 1, element 6).

As per claim 30, **Buchanan** discloses the claimed limitation, wherein the transcript text is stored in data storage (this limitation is disclosed by Buchanan in col 3, lines 26-33, fig 1, element 2).

As per claims 35, 36 and 39-42 **Buchanan** substantially discloses a document generation system that is provided for enhancing or replacing the dictation and transcription process. A

computer-based documentation system utilizing a document structure manipulated by a user interface... see., abstract, col 2, lines 30-48 (which is readable as Applicant's claimed invention wherein said a transcription system used to convert [convert or replace or the boiler-plates for managing patient reporting from voice to text] words spoken during a transcription proceeding to a textual form for real time), the transcription system comprising:

A first terminal that receives from a second terminal via a communication link, in real time, a first document comprising transcript text representative of words spoken during the testimonial proceeding, the first terminal comprising: data storage that stores data representative of an image of at least one second document relating to the testimonial proceeding, the at least one second document comprising an exhibit (this limitation is disclosed by Buchanan in the abstract, lines 7-16, col 6, lines 10-47, and also col 1, lines 35-68, col 2, lines 1 and 2, **specifically wherein it is stated that a plurality of different reports (hospital's words spoken (or first document) can be generated for different needs. For, example, a physician will probably create a separate report for initial visits and for follow visits by a particular patient as well as separate report for writing (textual form) a prescription, and also col 4, lines 3-68, specifically relational database, it is obvious to recognize that within the textual form (or second document) there are exhibits, such as patient x-ray, catscan and on).**

It is noted that **Buchanan** does not explicitly disclose a screen that displays the transcript text as it is produced. However, **Griggs** discloses a speech-controlled phonetic device that utilizes a two-tier approach for converting an audio input into visual form and the speech-controlled also includes a printer display for displaying transcript data (see., fig 1, element 36, col 3, lines 58-68, col 4, lines 1-14). Accordingly, it would have been obvious to a person of

ordinary skill in the art at the time the invention was made to modify the process of dictating and transcribing of **Buchanan** by implementing a screen display as taught by **Griggs** because such modification would provide the process of dictating and transcribing of **Buchanan** with the enhanced necessary to produce, in real time, a simultaneous printed or displayed output which is, to the greatest extent possible (see., Griggs, col 2, lines 65-68, col 3, line 1).

As per claims 37 and 38 **Buchanan** discloses the claimed limitation, wherein a processor, as the first terminal receives the transcript text, associates at least a portion of the transcript text with the at least one second document comprising the exhibit (this limitation is disclosed by Buchanan in col 3, lines 26-33, fig 1, element 6).

As per claims 43 and 45-53 **Buchanan** substantially discloses a document generation system that is provided for enhancing or replacing the dictation and transcription process. A computer-based documentation system utilizing a document structure manipulated by a user interface... see., abstract, col 2, lines 30-48 (which is readable as Applicant's claimed invention wherein said a transcription system used to convert [convert or replace or the boiler-plates for managing patient reporting from voice to text] words spoken during a transcription proceeding to a textual form for real time), the transcription system comprising:

Receiving, from a stenographic system in real time, a first document comprising transcript text representative of words spoken during a testimonial proceeding, accepting at least one input selecting a second document comprising a first exhibit stored in data storage (this limitation is disclosed by Buchanan in the abstract, lines 7-16, col 6, lines 10-47, and also col 1,

lines 35-68, col 2, lines 1 and 2, specifically wherein it is stated that a plurality of different reports (hospital's words spoken (or first document) can be generated for different needs. For, example, a physician will probably create a separate report for initial visits and for follow visits by a particular patient as well as separate report for writing (textual form) a prescription, and also col 4, lines 3-68, specifically relational database, it is obvious to recognize that within the textual form (or second document) there are exhibits, such as patient x-ray, catscan and on).

It is noted that **Buchanan** does not explicitly disclose a screen that displays the transcript text as it is produced. However, **Griggs** discloses a speech-controlled phonetic device that utilizes a two-tier approach for converting an audio input into visual form and the speech-controlled also includes a printer display for displaying transcript data (see., fig 1, element 36, col 3, lines 58-68, col 4, lines 1-14). Accordingly, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the process of dictating and transcribing of **Buchanan** by implementing a screen display as taught by **Griggs** because such modification would provide the process of dictating and transcribing of **Buchanan** with the enhanced necessary to produce, in real time, a simultaneous printed or displayed output which is, to the greatest extent possible (see., **Griggs**, col 2, lines 65-68, col 3, line 1).

As per claim 44, **Buchanan** discloses the claimed limitation, wherein said code for associating at least a portion of the transcript text with the selected second document comprising the first exhibit (this limitation is disclosed by Buchanan in col 3, lines 26-33, fig 1, element 6).

RESPONSE TO ARGUMENTS

6. Applicant's arguments filed on 12/2/2004 have been fully considered but they are not persuasive. Necessitated by Applicant's newly added claims.

REMARKS

7. In response to claims 6-27, Applicant argues that the prior art of record taken alone or in combination do not teach or suggest:

a. "data storage that stores data representative of at least one second document". As specified by the Examiner in the Office action mailed on 03/08/2002, this limitation is disclosed by Buchanan in col 4, lines 3-68, specifically relational database or data storage, Applicant should note that the relational database 2 also includes information concerning selections of different option text segments within a particular document structure.

b. "A screen that displays the transcript text as it is produced and the image of the at least a first document (or words spoken) and textual document for viewing". However, the Examiner respectfully disagrees as this limitation is disclosed by Griggs, specifically wherein it is stated that a speech-controlled phonetic device that utilizes a two-tier approach for converting an audio input into visual form and the speech-controlled also includes a printer display for displaying transcript data [transcript data or transcript text] (see., fig 1, element 36, col 3, lines 58-68, col 4, lines 1-14). Therefore, Applicant's argument is moot.

c. Applicant also maintains that Buchanan and Griggs cannot be combined, the Examiner recognizes that obviousness can only be established by combining or modifying the teachings of the prior art to produce the claimed invention where there is some teaching, suggestion, or motivation to do so found either in the references themselves or in the knowledge generally

available to one of ordinary skill in the art. See *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988) and *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992).

The rationale to modify or combine the prior art does not have to be expressly stated in the prior art; the rationale may be expressly or impliedly contained in the prior art or it may be reasoned from knowledge generally available to one of ordinary skill in the art, established scientific principles, or legal precedent established by prior case law. *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988); *In re Jones*, 958 F.2d 347, 21 USPQ2d 1941 (Fed. Cir. 1992). See also *In re Eli Lilli & Co.*, 902 F.2d 943, 14 USPQ2d 1741 (Fed. Cir. 1990) (discussion of reliance on legal precedent); *In re Nilssen*, 851 F.2d 1401, 7 USPQ2d 1500 (Fed. Cir. 1988) (references do not have to explicitly suggest combining teachings); *Ex parte Clapp*, 227 USPQ 972 (Bd. Pat. App. & Inter.); and *Ex parte Levengood*, 28 USPQ2d 1300 (Bd. Pat. App. & Inter. 1993) (reliance on logic and sound scientific reasoning).

Also in reference to *Ex parte Levengood*, 28 USPQ2d, 1301, the court stated that "Obviousness is a legal conclusion, the determination of which is a question of patent law.

Motivation for combining the teachings of the various references need not to explicitly found in the reference themselves, *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981). Indeed, the Examiner may provide an explanation based on logic and sound scientific reasoning that will support a holding of obviousness. *In re Soli*, 317 F.2d 941 137 USPQ 797 (CCPA 1963)."

d. " data storage that stores data representative of at least a first document and a second document relating to the transcription proceeding". As stated above, this limitation is disclosed in col 4, lines 3-68, specifically relational database 2.

Conclusion

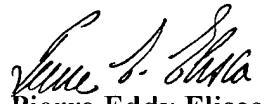
8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pierre E. Elisca whose telephone number is 703 305-3987. The examiner can normally be reached on 6:30 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 703 305-9769. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Pierre Eddy Elisca

Primary Patent Examiner

March 08, 2005